

## Product Information

Contents: Fluorescein isothiocyanate (FITC) anti-human CD56 (N-CAM, NCAM)

Catalog Number: 11-0569

Sizes: 25 tests, 100 tests

Formulation: Phosphate buffer pH 7.2, 150 mM NaCl, 0.09% NaN<sub>3</sub>, 0.2% BSA

Storage Conditions: Store at 4°C.

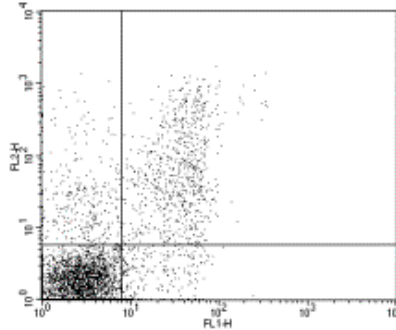
DO NOT FREEZE.

LIGHT-SENSITIVE MATERIAL.

Clone: MEM188 (MEM-188)

Isotype: Mouse IgG2a, κ

HLDA No.: VI NK26



Staining of normal human peripheral blood cells with PE anti-human CD94 (DX22) (cat. 12-0949) and FITC MEM188 (MEM-188). Cells in the lymphocyte gate were used for analysis.

### Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
11-0569	FITC anti-human CD56 (N-CAM, NCAM)	488	518	FC
12-0569	PE anti-human CD56 (N-CAM, NCAM)	488	575	FC
14-0569	Affinity Purified anti-human CD56 (N-CAM, NCAM)	N/A	N/A	FC IP
16-0569	Functional Grade* Purified anti-human CD56 (N-CAM, NCAM)	N/A	N/A	FC
35-0569	Phycoerythrin-Cy5.5 (PE-Cy5.5) anti-human CD56 (N-CAM, NCAM)	488	690	FC

\*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg.  
Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

### Description

The MEM188 monoclonal antibody reacts with human CD56, also known as Neural Cell Adhesion Molecule (NCAM). CD56 is a highly glycosylated transmembrane molecule expressed by neurons and plays a role in the homotypic adhesion of neural cells. In the hematopoietic system, CD56 is expressed on NK cells and a subset of T cells referred to as NKT cells.

### Usage

For research use only, not for diagnostic or therapeutic use. The MEM188 (MEM-188) antibody has been reported for use in flow cytometric analysis.

### Applications Tested

The MEM188 antibody has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at 20 μl per 100 μl blood (or per 1 million cells in 100 μl total staining volume).

### Related Products

- Cat. 12-0569 PE anti-human CD56 (N-CAM, NCAM) (clone MEM188 (MEM-188))
- Cat. 14-0569 Affinity Purified anti-human CD56 (N-CAM, NCAM) (clone MEM188 (MEM-188))
- Cat. 11-4724 Fluorescein isothiocyanate (FITC) Mouse IgG2a, K Isotype Control

### References

Kishimoto, T., A.E.G., von dem Borne, et al. eds. 1998. Leucocyte Typing VI: White Cell Differentiation Antigens. Garland Publishing, Inc. London.

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